

2018 Current Fiscal Year Report: Emerging Technology Technical Advisory Committee

Report Run Date: 06/05/2019 03:31:23 AM

1. Department or Agency

Department of Commerce

2. Fiscal Year

2018

3. Committee or Subcommittee

Emerging Technology Technical Advisory Committee

3b. GSA Committee No.

34750

4. Is this New During Fiscal Year?

No

5. Current Charter

06/25/2018

6. Expected Renewal Date

06/25/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority

50 U.S.C. app. 4604(h), as continued by E.O. 13222 (as amended by E.O. 13637)

13. Effective Date

07/12/1985 Continuing

14. Committee Type

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open Meetings and Dates 0 17b. Closed Meetings and Dates 0 17c. Partially Closed Meetings and Dates 0 Other Activities 0 17d. Total Meetings and Dates 0

No Meetings

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$37,400.00	\$37,400.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00

18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$593.00	\$593.00
18d. Total	\$37,993.00	\$37,993.00
19. Federal Staff Support Years (FTE)	0.30	0.30

20a. How does the Committee accomplish its purpose?

At the current time, the ETTAC has no members and is not accomplishing its purpose because it is awaiting the appointment of new members by the Secretary of Commerce.

20b. How does the Committee balance its membership?

The ETTAC is composed of members from academia, industry, federal laboratories, and pertinent U.S. Government departments and agencies.

20c. How frequent and relevant are the Committee Meetings?

Once members are selected, the Committee will meet quarterly. The meetings allow the ETTAC to advise the Department of its ongoing activities related to identifying emerging technologies.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The ETTAC will advise the Department on questions involving the identification of emerging technologies with potential dual-use applications as early as possible in their developmental stages both within the United States and abroad. In its work the committee will be forward leaning—focusing both on the current state of such technologies and projecting their likely effects five to ten years in the future on national security, the U.S. defense industrial base, and the overall health and competitiveness of the U.S. economy. The committee will provide assessments and information on emerging technologies, potential so-called “chokepoint technologies” and trends in technologies of particular interest to the Bureau of Industry and Security (BIS). The committee will advise BIS regarding the potential impact of Export Administration Regulations (EAR) on research activities, technical and policy issues relating to controls under the EAR, revisions of the Control List, including proposed revisions of multilateral controls in which the United States participates, the issuance of regulations and any other matters relating to actions designed to carry out the policy set forth in Section 3(2)(A) of the Act.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

Authorized by the Export Adminisitation Act of 1979 (50 U.S.C. app. 4601-4623) as

amended by the Export Administration Amendments Act of 1985, P.L. 99-64, 99 Stat. 120 (July 12, 1985). Although the Export Administration Act of 1979 (EAA), as amended, has expired, its provisions and those of the Export Administration Regulations were continued in effect, and to the extent permitted by law, when the President by Executive Order invoked the International Emergency Economic Powers Act.

Designated Federal Officer

Kirsten Mortimer Designated Federal Official

Committee Members	Start	End	Occupation	Member Designation
Abshire, Pamela	09/22/2012	04/02/2018	University of Maryland	Representative Member
Breault, Robert	09/22/2012	04/02/2018	Breault Research Organization, Inc.	Representative Member
Colglazier, William	11/04/2016	04/02/2018	American Association for the Advancement of Science	Representative Member
Dahms, A.	09/22/2012	04/02/2018	Alfred E. Mann Foundation for Biomedical Engineering	Representative Member
Farhat, Charbel	09/22/2012	04/02/2018	Army High Performance Computing Research Center	Representative Member
Kington, Harry	09/22/2012	04/02/2018	Honeywell Aerospace	Representative Member
Kulcinski, Gerald	09/22/2012	04/02/2018	University of Wisconsin	Representative Member
Tierney, Thomas	09/22/2012	04/02/2018	Los Alamos National Laboratory	Representative Member
Zolper, John	11/04/2016	04/02/2018	Raytheon Company	Representative Member

Number of Committee Members Listed: 9

Narrative Description

The Committee will address issues surrounding emerging technologies and research and development activities that may be of interest from a dual-use perspective.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
------	--------------------------

Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

N/A

What is the approximate Number of recommendations produced by this committee for the life of the committee?

108

Number of Recommendations Comments

The Committee meets four times per year. There were no recommendations in FY18.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

50%

% of Recommendations Fully Implemented Comments

N/A

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

30%

% of Recommendations Partially Implemented Comments

N/A

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The agency includes the Emerging Technology Technical Advisory Committee in the

process of incorporating the determinations into the Export Administration Regulations.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

N/A

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

N/A

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A